



PARTNERSHIP FOR
21ST CENTURY SKILLS

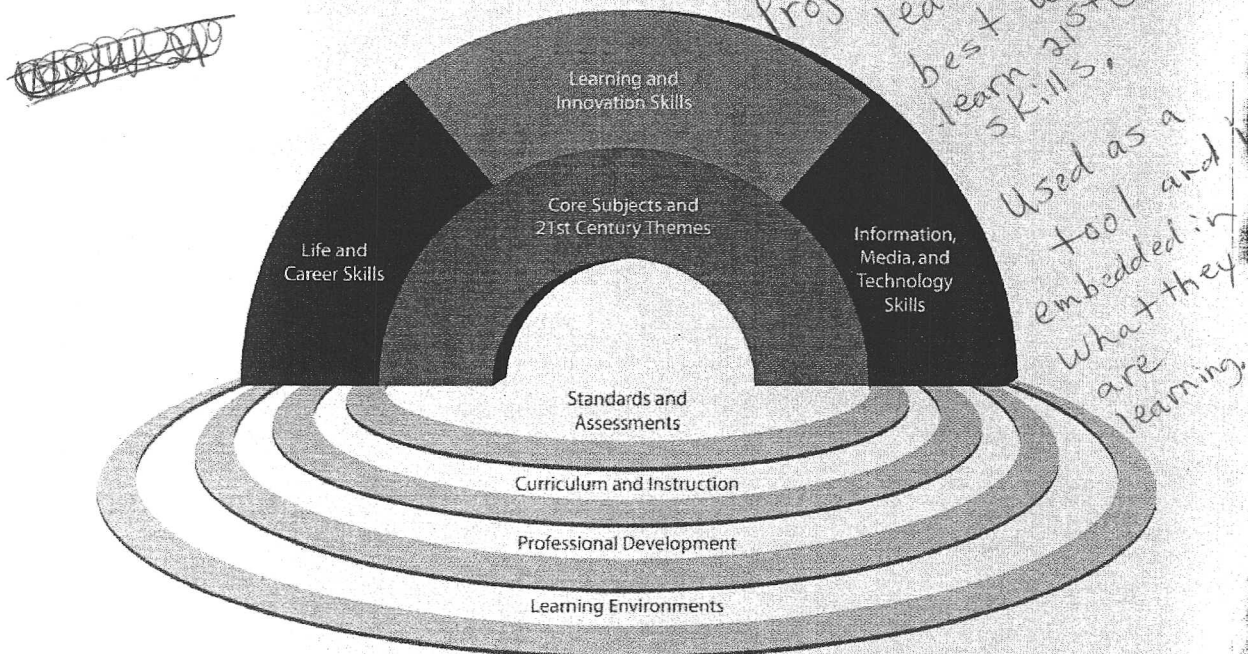
Framework for 21st Century Learning

Member Organizations

- Adobe Systems Inc.
- American Association of School Librarians
- Apple
- AT&T
- Blackboard Inc.
- Cable in the Classroom
- Cisco Systems Inc.
- Corporation for Public Broadcasting
- Davis Publications Inc.
- Dell Inc.
- Discovery Education
- EF Education
- Educational Testing Service
- Education Networks of America
- Ford Motor Company Fund
- Intel Foundation
- JA Worldwide
- KnowledgeWorks Foundation
- LeapFrog SchoolHouse
- McGraw-Hill Education
- Microsoft Corporation
- National Education Association
- Oracle Education Foundation
- Pearson Education
- PolyVision
- SAP
- SAS Institute
- Texas Instruments
- THINKronize
- Thomson Gale
- Verizon

The Partnership for 21st Century Skills has developed a vision for 21st century student success in the new global economy.

21st Century Student Outcomes and Support Systems



21ST CENTURY STUDENT OUTCOMES

The elements described in this section as "21st century student outcomes" (represented by the rainbow) are the skills, knowledge and expertise students should master to succeed in work and life in the 21st century.

Core Subjects and 21st Century Themes

- * Mastery of **core subjects and 21st century themes** is essential for students in the 21st century. Core subjects include English, reading or language arts, world languages, arts, mathematics, economics, science, geography, history, government and civics.

We believe schools must move beyond a focus on basic competency in core subjects to promoting understanding of academic content at much higher levels by weaving **21st century interdisciplinary themes** into core subjects:

- Global Awareness
- * Financial, Economic, Business and Entrepreneurial Literacy
- Civic Literacy
- Health Literacy

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Great!
website

Learning and Innovation Skills

Learning and innovation skills are what separate students who are prepared for increasingly complex life and work environments in the 21st century and those who are not. They include:

- **Creativity and Innovation**
- **Critical Thinking and Problem Solving**
- **Communication and Collaboration**

Information, Media and Technology Skills

People in the 21st century live in a technology and media-driven environment, marked by access to an abundance of information, rapid changes in technology tools and the ability to collaborate and make individual contributions on an unprecedented scale. To be effective in the 21st century, citizens and workers must be able to exhibit a range of functional and critical thinking skills, such as:

- **Information Literacy**
- **Media Literacy**
- **ICT (Information, Communications and Technology) Literacy**

Life and Career Skills

Today's life and work environments require far more than thinking skills and content knowledge. The ability to navigate the complex life and work environments in the globally competitive information age requires students to pay rigorous attention to developing adequate life and career skills, such as:

- **Flexibility and Adaptability**
- **Initiative and Self-Direction**
- **Social and Cross-Cultural Skills**
- **Productivity and Accountability**
- **Leadership and Responsibility**

21ST CENTURY SUPPORT SYSTEMS

Developing a comprehensive framework for 21st century learning requires more than identifying specific skills, content knowledge, expertise and literacies. An innovative support system must be created to help students master the multi-dimensional abilities required of them in the 21st century. The Partnership has identified five critical support systems that ensure student mastery of 21st century skills:

- **21st Century Standards**
- **Assessment of 21st Century Skills**
- **21st Century Curriculum and Instruction**
- **21st Century Professional Development**
- **21st Century Learning Environments**

For more information, visit the Partnership's website at www.21stcenturyskills.org.

SMALL LEARNING COMMUNITIES IMPLEMENTATION MODEL

DOMAIN 1: INTERDISCIPLINARY TEACHING AND LEARNING TEAMS	
1A	Interdisciplinary teams share not more than a few hundred students in common for instruction
1B	Teams and their students remain together for multiple years
1C	Team members have more than half-time assignment to SLC
1D	Interdisciplinary team members have common planning time
1E	Interdisciplinary teams collaborate on curriculum, instruction, student progress
1F	Building space is sufficient to create a home base for collaboration
DOMAIN 2: RIGOROUS, RELEVANT CURRICULUM & INSTRUCTION	
2A	Interdisciplinary curriculum is organized around topics of interest to students and essential skills/knowledge
2B	Minimum half day block of instruction
2C	Teams collaborate with community partners
2D	Students engage in active, authentic inquiry
DOMAIN 3: INCLUSIVE PROGRAMS AND PRACTICES	
3A	SLC membership is based on students' and teachers' interest / choice to ensure equitable access
3B	Teams use time and location flexibly to meet students' learning needs
3C	Teams tailor instruction to diverse students' needs
3D	Teacher specialists are integral members of teaching and learning teams
3E	Counselors are integral members of teaching and learning teams
3F	Teachers advise / mentor students
3G	Teams collaborate with parents
DOMAIN 4: CONTINUOUS PROGRAM IMPROVEMENT	
4A	Teams engage in continuous program improvement
4B	Teams use a variety of student data to reflect on practice
4C	Teams use stakeholders' and colleagues' input to reflect on practice
4D	Teams set and pursue professional development goals that match SLC improvement needs
DOMAIN 5: BUILDING & DISTRICT LEVEL SUPPORT FOR SLCs	
5A	Building wide improvement goals align with SLC needs
5B	Academic area (department) goals align with SLC needs
5C	Building level provisions for staff planning/level meet SLC needs
5D	Class scheduling and staffing are adjusted to strengthen SLC programs
5E	Academic track / alternative program changes are made to increase student choice across all programs
5F	Building level policies are enacted to strengthen SLC self-governance
5G	District standardizes policies needed to support SLC practice
5H	District policies strengthen SLC self governance
5I	District & teachers' union negotiate contract provisions to meet SLC staffing needs
5J	District provisions for professional development increase SLC teams' capacity for instructional innovation
5K	District staffing and budgeting practices give schools flexibility in allocating resources to meet SLC needs

Metro Nashville Public Schools

Career/Thematic Academies

2008-09

Arts, Media & Communications	Business, Marketing & Information Technology	Engineering, Manufacturing & Industrial Technology	Health	Hospitality & Tourism	Human & Public Services
Arts, A/V Technology & Communications	Business, Management & Administration Finance Hospitality & Tourism Information Technology Marketing, Sales	Agriculture Architecture & Construction Manufacturing STEM Transportation, Distribution & Logistics	Health Science	Hospitality & Tourism	Education & Training Human Services Law, Public Safety, Corrections & Security Government & Public Services
Antioch High School <ul style="list-style-type: none"> Arts & Communications (Career & Thematic)) Cane Ridge HS <ul style="list-style-type: none"> Arts & Communications (Career & Thematic) Hillwood HS <ul style="list-style-type: none"> Arts, AV Technology & Communications Performing Arts & Cultural Studies (Thematic) Hunters Lane HS <ul style="list-style-type: none"> Graphic Communications McGavock HS <ul style="list-style-type: none"> Arts and Communications Whites Creek HS <ul style="list-style-type: none"> Arts (Career & Thematic) 	Antioch High School <ul style="list-style-type: none"> Business & Information Technology Cane Ridge HS <ul style="list-style-type: none"> Business, Management & Administration Glenciff HS <ul style="list-style-type: none"> Business, Management & Administration International Studies Hunters Lane HS <ul style="list-style-type: none"> International Business Management & Administration International Marketing & Communications McGavock HS <ul style="list-style-type: none"> Business Administration & Information Technology Whites Creek HS <ul style="list-style-type: none"> Business 	Antioch High School <ul style="list-style-type: none"> Architecture, Science Technology & Transportation Cane Ridge HS <ul style="list-style-type: none"> Architecture & Construction Glenciff HS <ul style="list-style-type: none"> Engineering Technology Hunters Lane HS <ul style="list-style-type: none"> International Industrial Technology McGavock HS <ul style="list-style-type: none"> Agriculture, Food, & Natural Resources Science, Engineering Technology & Mathematics, Transportation, Distribution, & Logistics Whites Creek HS <ul style="list-style-type: none"> Auto Technology 	Glenciff HS <ul style="list-style-type: none"> Health Science Hillwood HS <ul style="list-style-type: none"> Public Health (Career & Thematic) McGavock HS <ul style="list-style-type: none"> Health Sciences Whites Creek HS <ul style="list-style-type: none"> Health 	Antioch High School <ul style="list-style-type: none"> Hospitality & Tourism Glenciff HS <ul style="list-style-type: none"> Hospitality & Tourism Hillwood HS <ul style="list-style-type: none"> Hospitality & Tourism Hunters Lane HS <ul style="list-style-type: none"> International Hospitality & Tourism McGavock HS <ul style="list-style-type: none"> Hospitality & Tourism 	Antioch High School <ul style="list-style-type: none"> Human Services Leadership, Education & Cultural Studies (Thematic) Cane Ridge HS <ul style="list-style-type: none"> Human Services Glenciff HS <ul style="list-style-type: none"> Human Services International Studies McGavock HS <ul style="list-style-type: none"> Education & Human Services Government & Public Administration, Law, Public Safety, Corrections & Safety Whites Creek HS <ul style="list-style-type: none"> Consumer Science
Freshman Academies (only): <ul style="list-style-type: none"> Hillsboro High School Maplewood High School Overton High School Stratford High School 			Freshman & 10th Grade Academies <ul style="list-style-type: none"> Pearl Cohn High School 		

Career Academy - follows a sequence of subjects.
 Thematic Academy -